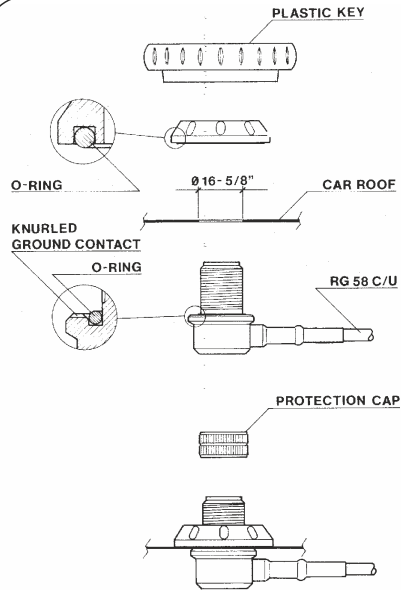


## ALTERNATIVE MOUNT TYPE



### HP-AC/U angular connector:

Frequency Range: from DC to 500 MHz

Overall Size:  $\varnothing 41$  mm

Mounting Hole:  $\varnothing 16$  mm

Materials: Brass nichel plated, PTFE insulator,

Gold plated pin

Cable: 5m RG 58 C/U MIL-C-17F / FME-female

Adaptor: FME-male/ UHF-male (PL259)

Antenna connection: UHF-female

**P/N 2510805.00 HP-AC/U**



## HP 2000

137-149 MHz

## HP 2000 C

137-157 MHz



HP 2000



HP 2000 C



HI-QUALITY ANTENNAS MADE IN ITALY

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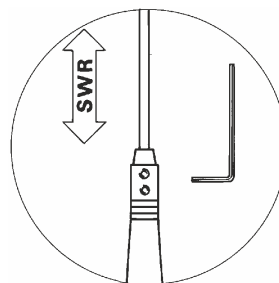
*Installation Manual*

## DESCRIPTION

VHF radialless vehicular antenna working on 2m band. The very best materials have been used to guarantee the maximum strength and the best performance. The whip, made of 17/7 PH stainless steel, has an inclination system that allows the 90° tilting without using keys or tools. Also a particular attention has been paid to the UHF-male connector with a goldplated center pin, PTFE insulator and silicone rubber gasket for a perfect waterproofing.

## SPECIFICATIONS

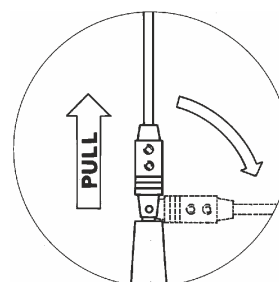
Electrical Data	HP 2000	HP 2000 C
Type	1/2 $\lambda$	C-Loaded
Frequency Range	137 - 149 MHz @ SWR $\leq$ 2	137 - 157 MHz @ SWR $\leq$ 2
Impedance	50 $\Omega$	
Radiation (H-plane)	360° Omnidirectional	
Polarization	Linear Vertical	
Gain	1.5 dB ref. to $\lambda/4$ whip	2 dB ref. to $\lambda/4$ whip
Max Power (CW) @30°C	150 Watts	
Grounding Protection	All metal parts are DC-grounded, inner conductor is coupled capacitively	
Connector	UHF-male (PL 259)	
Mechanical Data		
Materials	Stainless steel 17/7 PH, Nylon, Chromed Brass	
Height (approx.)	1060 mm	1410 mm
Weight (approx.)	320 gr	



ADJUSTMENT

**ADJUSTMENT:** all SIRIO HP Antennas are factory adjusted and no additional tuning is usually required. However, if the center frequency needs to be changed, please follow these simple directions:

1. Release the allen-screws on the whip using the supplied key
2. Move the whip in or out as needed to obtain a low SWR at your preferred frequency rang.
3. After tuning, re-tighten the allen-screws to lock the whip.

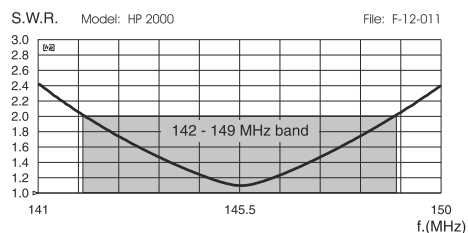


TILTING

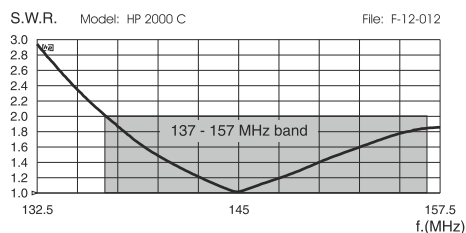
**TILTING:** all SIRIO HP Antennas have an inclination system that allows the 90° tilting without use keys or special tools.



TYPICAL S.W.R. RESPONSE



TYPICAL S.W.R. RESPONSE



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